

Part 21 (PAR)

Event # 52741

Rep Org: EMERSON PROCESS MANAGEMENT		Notification Date / Time: 05/09/2017 14:36 (EDT)	
Supplier: FISHER CONTROLS INTERNATIONAL		Event Date / Time: 03/10/2017 (CDT)	
Last Modification: 06/09/2017			
Region: 3	Docket #:		
City: MARSHALLTOWN	Agreement State:		Yes
County:	License #:		
State: IA			
NRC Notified by: KIM SAGAR	Notifications:	DON JACKSON	R1DO
HQ Ops Officer: BETHANY CECERE		RANDY MUSSER	R2DO
Emergency Class: NON EMERGENCY		DAVID HILLS	R3DO
10 CFR Section:		JOHN KRAMER	R4DO
21.21(a)(2)	INTERIM EVAL OF DEVIATION	PART 21/50.55 REACTORS	EMAIL

PART 21 REPORT - POTENTIAL MINIMUM WALL THICKNESS ISSUE ON CERTAIN POSI-SEAL VALVES

The following report was received via email:

"Pursuant to 10 CFR 21.21 (a)(2), Fisher Controls International LLC ('Fisher') is providing required written interim notification of a potential failure to comply concerning minimum wall requirements in the packing box region of certain Posi-Seal valves [A11].

"On March 10, 2017, Fisher discovered a minimum wall issue while processing an order. While the order at issue was corrected prior to shipment, Fisher is currently engaged in an extent of condition investigation to determine whether the noncompliance extends beyond the specific order. Fisher anticipates completing this investigation and disseminating additional information on or before June 9, 2017. Appropriate corrective action will be initiated to prevent reoccurrence.

"Should there be any further questions concerning this matter, please contact Benjamin Ahrens, Manager, Quality by email at Benjamin.Ahrens@Emerson.com or via phone at 641-754-2249."

*** UPDATE ON 6/9/17 AT 1708 EDT FROM DEBBIE SCHAEFER TO BETHANY CECERE ***

The following report was received via email:

"Fisher Information Notice: FIN 2017-03
9 June 2017

"Subject:

1E19
NRR

Potential Minimum Wall Thickness Issue on Certain Posi-Seal A11 Packing Boxes

"Purpose:

The purpose of this Fisher Information Notice (FIN) is to alert affected customers that, as of 10 March 2017, Fisher Controls International LLC (Fisher) became aware of a situation which may affect the minimum wall thickness of certain Posi-Seal designed valve bodies. Fisher is informing affected customers of this circumstance in accordance with Section 21.21 (b) of 10 CFR 21.

"Discussion:

Fisher engineering identified a potential minimum wall thickness issue on a 14 [inch] Posi-Seal Type A11 body drawing in the process of fulfilling an order. The valve body drawing was such that it was possible to machine the packing box region of the valve body neck within drawing-specified tolerances but fail to meet minimum wall thickness as required by ASME B16.34. As a result of this discovery, the affected order was halted and an investigation was initiated.

"Extent of Condition:

POSI-SEAL manufactured and supplied Type A11 valve bodies from their location in N. Stonington, CT to the nuclear industry prior to being acquired by Fisher in 1985. An extent of condition investigation was conducted to identify all potentially affected body drawing numbers and instances of orders shipped by Posi-Seal and subsequently by Fisher that could have had minimum wall issues. The scope of this investigation included all sizes and appropriate pressure classes of potentially affected valves shipped from either Posi-Seal or Fisher. The investigation concluded that only the 14 [inch] size for certain body drawing numbers are affected. Other sizes or types of valves are not affected by this FIN.

"Equipment Affected by this Fisher Information Notice:

Items subject to this FIN are confined to the 14 [inch] Type A11 valve bodies having original Posi-Seal drawing/serial numbers referred to in the attached Appendix A. All affected equipment was shipped from N. Stonington. No affected equipment was shipped from the Fisher Marshalltown, IA location.

"Action Required:

Fisher has revised the affected drawings to ensure the minimum wall requirements of ASME B16.34 are met. Fisher will also work directly with the affected customers to evaluate and resolve the potential minimum wall thickness issues.

"The in-process order was stopped and will be verified to meet minimum wall thickness requirements prior to shipment.

"10 CFR 21 Implications:

Fisher requests that the recipient of this FIN review it and take appropriate action in accordance with 10 CFR 21. If there are any technical questions or concerns, please contact:

"Ben Ahrens
Quality Manager
Emerson Automation Solutions
Fisher Controls International LLC
301 South First Avenue
Marshalltown, IA 50158
Phone: (641) 754-2249
Benjamin.ahrens@emerson.com

"List of Affected Equipment

"Customer/Site Niagara Mohawk Power Corp., Nine Mile Point, Unit 2, Shipped in 1983
Purchase Order NMP2-P304D/12177
Customer Tag Numbers 2CPS*AOV104, 2CPS*AOV106, 2CPS*AOV108, 2CPS*AOV110
Posi Serial Number 19157-3
Qty 4

"Customer/Site Niagara Mohawk Power Corp., Nine Mile Point, Unit 2, Shipped in 1983
Purchase Order NMP2-P304D/12177
Customer Tag Numbers 2GTS*V51, 2GTS*V52,
Posi Serial Number 19157-35
Qty 2

"Customer/Site Union Electric Company, Callaway Plant Unit 1, Shipped in 1985
Purchase Order 14894-M-236-2
Customer Tag Numbers EF-V343, -V344, -V345, -346, GN-V057, -V058, -V059, -V060
Posi Serial Number 35287-01
Qty 8"

Notified R1DO (Welling), R4DO (Rollins), and Part 21/50.55 Reactors Group by email.

Hoc, HOO X

From: Schaefer, Debbie D [AUTOSOL/FCV/MTWN] <Debbie.Schaefer@Emerson.com>
Sent: Friday, June 09, 2017 5:08 PM
To: Hoc, HOO X
Cc: Conrad, Curtis A [AUTOSOL/FCV/MTWN]
Subject: [External_Sender] FIN 2017-03 for Nuclear Business Unit
Attachments: FIN 2017-03.pdf

To Whom It May Concern,

Attached is the Fisher FIN Notice 2017-03 as final notification for event 52741.

If you have any questions, please contact Curtis Conrad 641-754-2232 or curtis.conrad@emerson.com

Sincerely,

Debbie Schaefer

Debbie Schaefer | Administrative Assistant, Engineered Products | Flow Controls
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F (641) 754-2830

Fisher Information Notice: FIN 2017-03

9 June 2017

Subject:

Potential Minimum Wall Thickness Issue on Certain Posi-Seal A11 Packing Boxes

Purpose:

The purpose of this Fisher Information Notice (FIN) is to alert affected customers that, as of 10 March 2017, Fisher Controls International LLC (Fisher) became aware of a situation which may affect the minimum wall thickness of certain Posi-Seal designed valve bodies. Fisher is informing affected customers of this circumstance in accordance with Section 21.21 (b) of 10 CFR 21.

Discussion:

Fisher engineering identified a potential minimum wall thickness issue on a 14" Posi-Seal Type A11 body drawing in the process of fulfilling an order. The valve body drawing was such that it was possible to machine the packing box region of the valve body neck within drawing-specified tolerances but fail to meet minimum wall thickness as required by ASME B16.34. As a result of this discovery, the affected order was halted and an investigation was initiated.

Extent of Condition:

POSI-SEAL manufactured and supplied Type A11 valve bodies from their location in N. Stonington, CT to the nuclear industry prior to being acquired by Fisher in 1985. An extent of condition investigation was conducted to identify all potentially affected body drawing numbers and instances of orders shipped by Posi-Seal and subsequently by Fisher that could have had minimum wall issues. The scope of this investigation included all sizes and appropriate pressure classes of potentially affected valves shipped from either Posi-Seal or Fisher. The investigation concluded that only the 14" size for certain body drawing numbers are affected. Other sizes or types of valves are not affected by this FIN.

Equipment Affected by this Fisher Information Notice:

Items subject to this FIN are confined to the 14" Type A11 valve bodies having original Posi-Seal drawing/serial numbers referred to in the attached **Appendix A**. All affected equipment was shipped from N. Stonington. No affected equipment was shipped from the Fisher Marshalltown, IA location.

Action Required:

Fisher has revised the affected drawings to ensure the minimum wall requirements of ASME B16.34 are met. Fisher will also work directly with the affected customers to evaluate and resolve the potential minimum wall thickness issues.



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The in-process order was stopped and will be verified to meet minimum wall thickness requirements prior to shipment.

10 CFR 21 Implications:

Fisher requests that the recipient of this FIN review it and take appropriate action in accordance with 10 CFR 21. If there are any technical questions or concerns, please contact:

Ben Ahrens
Quality Manager
Emerson Automation Solutions
Fisher Controls International LLC
301 South First Avenue
Marshalltown, IA 50158
Phone: (641) 754-2249
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A handwritten signature in black ink, appearing to read "Scott Lustyk", written over a horizontal line.

Scott Lustyk
Nuclear Business Unit Manager
Fisher Controls International LLC



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Appendix A

List of Affected Equipment

Customer/Site	Purchase Order	Customer Tag Number	Posi Serial Number	Qty
Niagara Mohawk Power Corp. Nine Mile Point, Unit 2 Shipped in 1983	NMP2-P304D/12177	2CPS*AOV104 2CPS*AOV106 2CPS*AOV108 2CPS*AOV110	19157-3	4
Niagara Mohawk Power Corp. Nine Mile Point, Unit 2 Shipped in 1983	NMP2-P304D/12177	2GTS*V51 2GTS*V52	19157-35	2
Union Electric Company Callaway Plant Unit 1 Shipped in 1985	14894-M-236-2	EF-V343, -V344, -V345, -346 GN-V057, -V058, -V059, -V060	35287-01	8